

NWS CHANGE FORM PART A			1. DATE SUBMITTED 6 March 2000 8 March 2000
This form is in three parts. Submitters must complete unshaded blocks in Part A and as much of Part B as possible. WSH will complete Part C (implementation details). If there is no specific required change date, enter 60 days from date submitted. Address questions to NWS Change Management at (301) 713-1373. Submit change requests to the NWSRC mailbox (External: NWSRC@noaa.gov).			
2. ORIGINATOR OFFICE PRC	3. SUBMITTING AUTHORITY Name: Ward Seguin Routing Code: W/AWO1	4. COGNIZANT TECHNICAL INDIVIDUAL Name: Charles Piercy Routing Code: W/APO1 Phone: (301) 713-1570x124	5. ORIGINATOR TRACKING NUMBER APO_A100038
6. SYSTEMS AFFECTED BY CHANGE DATA <input checked="" type="checkbox"/> PRODUCTS (Complete Data Products Supplement) <input type="checkbox"/> ASOS <input checked="" type="checkbox"/> AWIPS <input type="checkbox"/> CRS <input type="checkbox"/> NEXRAD OTHER (specify) _____			7. WSH TRACKING NUMBER <div style="text-align: center; font-size: 1.2em; font-weight: bold;">NWS 559</div>
8. TITLE OF CHANGE <div style="text-align: center;">AWIPS Software Version 4.3.x release scheduled for June 2000</div>			
9. TYPE OF CHANGE <input type="checkbox"/> HARDWARE <input checked="" type="checkbox"/> SOFTWARE <input type="checkbox"/> DOCUMENTATION ONLY		10. SITES AFFECTED (Attach Part B, Page 2, if needed) All sites	
11. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY OF EXISTING SYSTEM (Include problem report reference numbers.) Requirements to be satisfied: 1. Central collection and distribution a of radar product. (RWP 173) (2) Compression of radar data on the SBN (3) Implement 10 km Radar Mosaic Imagery (RWP 169) (4) Restart Ingest Processes (5) QPF/QPE Support (6) Some other items and related DRs TBD.			
12. KNOWN OR PROPOSED SOLUTION (Include source and description of new features or data products.) Requirements and problems identified in Block 11 above will be implemented through the modification of existing software. The software will be developed by the NWS and PRC, and released as software Version 4.3 .x (digit x TBD) .			
13. ALTERNATE SOLUTIONS None			
14. REQUIRED CHANGE DATE 28 June 2000		15. RATIONALE FOR REQUIRED CHANGE DATE (Include proposed priority, if known.) Planned maintenance in support of central radar collection and end to end QPF/QPE forecast processes	
CCB/PMC/CMB DECISION			
16. DECISION AUTHORITY LEVEL	<input type="checkbox"/> CCB LEVEL ONLY		<input type="checkbox"/> PMC or NWS CMB DECISION REQUIRED
17. CCB LEVEL DECISION	<input type="checkbox"/> APPROVED <input type="checkbox"/> RECOMMEND APPROVAL <input type="checkbox"/> DISAPPROVED		SIGNATURE
			DATE SIGNED
FOR USE ONLY WHEN PMC or NWS CMB DECISION REQUIRED			
18. PMC OR NWS CMB DECISION	<input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED		SIGNATURE
			DATE SIGNED

NWS CHANGE FORM PART A - DATA PRODUCTS SUPPLEMENT												1. ORIGINATOR TRACKING NUMBER APO_A100038				
This information is required for Data Products submissions. (Submitters should complete all applicable blocks, if known. WSH will assist.) Attach extra pages if necessary.												2. WSH TRACKING NUMBER				
3. AWIPS ID		4. AFOS PIL			5. WMO HEADER	6. ADD REV DEL	7. SEAS Y/N	8. CHA R PER MSG	9. FREQUENCY	10. NWSTG DISTR	11. AFOS DISTR	NWWS ONLY				
NNN	XXX	CCC	NNN	XXX								12. STATE CIRCUITS	13. PRIME UPLINK	14. B/U UPLINK		
TBD																
FOR METAR CHANGES ONLY								19. INTERNAL NWS USE ONLY <input type="checkbox"/>		20. PRODUCT SOURCE		21. AWIPS DATA TYPE				
15. COMMS ID		16. N. LATITUDE			17. W. LONGITUDE			18. ELEV (M)	22.		A. CHANGE NOTICE		B. EFFECTIVE DATE		C. ISSUE DATE	
		DEG	MIN	SEC	DEG	MIN	SEC									
									AWIPS							
									AFOS							
									NWWS							

NWS CHANGE FORM PART B		1. ORIGINATOR TRACKING NUMBER APO_A100038	
All RC/ECP submissions must also address the following information. Indicate if any areas are unknown or do not apply. State why information is unknown and when it will be available. Attach extra pages if necessary, referencing each applicable subject.		2. WSH TRACKING NUMBER NWS559	
FUNDING INFORMATION			
Estimate costs and indicate known sources of funding. (Include travel time, installation time, administrative time, and software development time when applicable.)		3. SOURCE OF FUNDING	4. TOTAL COST \$ xxx
5. DEVELOPMENT COSTS (Estimate development costs) Contract \$xxx Government) \$xxx			AMOUNT \$xxx \$xxx
6. OPERATIONAL TEST AND EVALUATION COSTS (Estimate test and evaluation costs) N/A			AMOUNT
7. PRODUCTION COSTS (Include acquisition, kit proofing, spares, delivery, and documentation costs)			AMOUNT See #5
8. COMMUNICATIONS SERVICE/CIRCUITS COSTS (Include installation and recurring costs) N/A			AMOUNT
9. IMPLEMENTATION SUPPORT COSTS (Include travel, installation, and administrative costs) Contractor (PRC) support Government Installation			AMOUNT See #5
9A. LIFE CYCLE SUPPORT COSTS (Less communications service/circuits) Contractor (PRC) - NCF Operations [covered under normal AWIPS life cycle costs]			AMOUNT
SUPPORTING INFORMATION AND SCHEDULES Provide detailed information needed to implement the requested change.			
10. DEVELOPMENT STATUS/SCHEDULE Development Start: March 00, GFS check in 4/21/00 Integration/SwIT 4/28-5/08/00 SIT 5/22 SyAT 6/5 NMT /Field Installation 6/12/00 SVR 6/20/00 Start Deployment 6/30/00		11. PRODUCTION STATUS/SCHEDULE (Major milestones such as Solicitation, Contract Start Date, Delivery Date, Kit Proofing, etc.) Delivery 6/30/00	
12. IMPLEMENTATION/RETROFIT SCHEDULE TBD		13. FACILITY INFORMATION (Attach facility drawings/plans.) N/A	
14. COMMUNICATIONS INSTALLED (Type required, who will order, and associated hardware required; attach Part B, Page 2, if needed.) N/A		15. COMMUNICATIONS SERVICE/CIRCUITS TO BE REMOVED N/A	
16. REQUIRED CLEARANCES, WAIVERS, AND LICENSES N/A		17. COORDINATION OF CHANGE WITH OTHER CHANGES N/A	
18. PHYSICAL ITEMS AND DOCUMENTS AFFECTED (Include part, serial, and document numbers. Attach Part B, Page 2, if needed.) N/A		19. STAFF RESOURCE IMPACTS (Skills and workload impact on maintainers, operators, and managers.) N/A	
20. LOGISTICS IMPACTS (Include facilities, maintenance, training, and support equipment impacts.) N/A		21. OPERATIONAL IMPACTS (Include continuity and back up needs and plans.) N/A	
22. ADDITIONAL MAJOR CHANGE ACTIVITIES (Include who will accomplish each of them and staff hours required.) PRC will provide a TAR file ,or a CD,with the SW and installation instructions to the NCF. The NCF will push the TAR file and instructions to all sites, or PRC will deliver the CD and instructions. SW to be installed by site personnel IAW installation instructions. Installation will take less than one hour. NCF and SST will be available to sites requiring assistance. Site installation schedules will be established by AWIPS Regional Focal Points and the SST. Initial Operational Capability occurs at first site on 30 June 00. Sites will report completion of installation via an ADM message to the NCF. All sites to implement change by 30 September 00.			

[illegible]

2. WSH TRACKING NUMBER
NWS 559

3. ITEM NAME,
CIRCUIT TYPE,
SOFTWARE
VERSION, OR SITE
LOCATION

7. DOC
TYPE

B.

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NWS CHANGE FORM						1. ORIGINATOR TRACKING NUMBER APO_A100038	
PART C							
WSH is responsible for Part C, but submitters may complete sections that would help clarify the change requirement or the necessary implementation actions.						2. WSH TRACKING NUMBER NWS 559	
3. CCB COST EVALUATION							
NWS COST \$		FAA COST \$		DOD COST \$		OTHER AGENCY COST \$ (SPECIFY)_____	
						TOTAL COST \$	
4. IMPLEMENTATION DOCUMENTS REQUIRED							
<input type="checkbox"/> Engineering Modification Note <input type="checkbox"/> Software Release Notes Other Document <input type="checkbox"/> (Specify)_____							
ADDITIONAL IMPLEMENTATION INSTRUCTIONS (e.g., Implementation schedule, parts shipping instructions, equipment disposal procedures, additional documentation required, and status reporting instructions.) Include documentation, data input, notification vehicle, or specific action step required to verify completion of the implementation activity.							
5. IMPLEMENTATION ACTIVITY REQUIRED				6. REQUIRED COMPLETION DATE		7. RESPONSIBLE PERSON AND OFFICE	
8. DOCUMENT OR ACTION REQUIRED TO VERIFY COMPLETION							
A. Coordinate implementation schedule with field offices through AWIPS Regional Focal Points				15 June 00		Thigpen/SST W/APO3	
B. Train NCF staff on the new software capabilities, installation procedures, and trouble shooting procedures				15 June 00		TBD,PRC	
C. Release SW Listing following NWS CCB approval to do so.				30 June 00		TBD,PRC	
D. Release AWIPS SW ver 4.3.x to the NCF and NWS CM (W/OSO113) as directed by APO.				30 June 00		TBD,PRC	
E. Release SW to sites IAW approved schedule.				15 July 00		PRC	
F. Report completion of installation via ADM message to NCF.				15 Sept. 00		Site ESA	
G. Audit sites for completion of installation and notify W/OSO112 of status by site weekly.				30 Sept. 00		Thigpen/SST, W/APO3	
H. Report implementation completion (by region) using NCF/SST data at AWIPS CCB meetings.				30 Sept. 00		Davidson, W/OSO112	